

**Claims:**

1. A method of using a liner to drill a lateral wellbore of a well, comprising:
  - a) inserting the liner having a mill/drill disposed at one end into a wellbore having a wall therein;
  - b) directing the mill/drill towards a pre-selected area of the wall;
  - c) cutting an opening in the wall with the mill/drill;
  - d) drilling into a formation proximate the opening while advancing the liner to form the lateral wellbore; and
  - e) leaving at least a portion of the liner in the lateral wellbore.
2. The method of claim 1, wherein the wall is cased with a casing.
3. The method of claim 1, wherein the liner and the mill/drill are rotationally coupled.
4. The method of claim 1, wherein the liner and mill/drill are rotationally independent and rotation of the mill/drill is provided by a downhole motor disposed thereabove.
5. The method of claim 1, wherein the mill/drill comprises an inner portion and an outer portion, the inner portion being selectively removable from the outer portion of the mill/drill.
6. The method claim 5, further comprising:
  - a) removing at least one portion of the mill/drill;
  - b) replacing the portion of the mill/drill;
  - c) inserting the replaced portion in the liner; and
  - d) continuing to advance the liner.
7. The method of claim 1, wherein the rotation of the mill/drill is provided by a

rotational force at a surface of the well.

8. The method of claim 1, wherein directing the mill/drill towards the pre-selected area of the wall is performed by a diverter fixed in the wellbore therebelow.

9. The method of claim 8, wherein directing the mill/drill toward the wall comprises:

- a) selectively coupling the diverter to the mill/drill;
- b) fixing the diverter at a predetermined location in the wellbore;
- c) disengaging the coupling between the diverter and the mill/drill;
- d) diverting the mill/drill along a slanted surface of the diverter toward the wall to cut the opening.

10. The method of claim 1, further comprising removing at least a portion of the liner extending into the wellbore from the opening.

11. The method of claim 1, further comprising expanding at least a portion of the liner within the lateral wellbore.

12. The method of claim 11, wherein the liner is expanded into a contacting relationship with the opening.

13. The method of claim 12, wherein the liner is expanded into a sealing relationship with the opening.

14. The method of claim 1, further comprising directing the mill/drill by using a bent liner.

15. A method of drilling a lateral wellbore in a wellbore, comprising:

- a) inserting a rotary steerable system coupled to a mill/drill into a wellbore having a wall therein;

- b) directing the mill/drill towards a pre-selected area of the wall;
- c) cutting an opening in the wall with the mill/drill; and
- d) drilling into a formation proximate the opening while advancing the rotary steerable system to form the lateral wellbore.

16. The method of claim 15, further comprising coupling the rotary steerable system and mill/drill to a liner and leaving at least a portion of the liner in the lateral wellbore after the lateral wellbore is drilled.

17. The method of claim 16, wherein the liner and the mill/drill are rotationally coupled.

18. The method of claim 16, further comprising removing at least a portion of the liner extending into the wellbore from the opening.

19. The method of claim 15, wherein directing the mill/drill toward the wall comprises using a diverter.

20. A method of using a liner to drill a lateral wellbore, comprising:

- a) inserting the liner coupled to a rotary steerable system and a mill/drill into a wellbore having a wall therein;
- b) directing the mill/drill towards a pre-selected area of the wall;
- c) cutting an opening in the wall with the mill/drill;
- d) drilling into a formation proximate the opening while advancing the liner to form the lateral wellbore; and
- e) leaving at least a portion of the liner in the lateral wellbore after the lateral wellbore is drilled.